

**DERWENT-** 2001-196820

**ACC-NO:**

**DERWENT-** 200120

**WEEK:**

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**TITLE:** Wireless data communication unit for PHS communication system, disconnects communication between mobile unit and base station, when authentication server sends negative response to authentication demand

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**PRIORITY-DATA:** 1999JP-0181276 (June 28, 1999)

**PATENT-FAMILY:**

<b>PUB-NO</b>	<b>PUB-DATE</b>	<b>LANGUAGE</b>	<b>PAGES</b>	<b>MAIN-IPC</b>
JP 2001016646	A January 19, 2001	N/A	005	H04Q 007/38

**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>	<b>APPL-DATE</b>
JP2001016646A	N/A	1999JP-0181276	June 28, 1999

**INT-CL (IPC):** H04L029/08, H04Q007/38

**ABSTRACTED-PUB-NO:** JP2001016646A

**BASIC-ABSTRACT:**

NOVELTY - An authentication demand is sent to LAN connected authentication server (5) with network address registered on base station, when base station (1) receives transmission message from mobile unit (2). When an affirmative response is received from server, connection of

mobile unit with LAN is performed. When negative response is received, communication between base station and mobile unit is disconnected.

USE - For PHS communication system.

ADVANTAGE - Eliminates problems caused by registering authentication information to base station, thereby enabling self managed PHS data communication with high efficiency.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of self management PHS data communication unit.

Base station 1

Mobile unit 2

Authentication server 5

**CHOSEN-** Dwg.1/3

**DRAWING:**

**TITLE-** WIRELESS DATA COMMUNICATE UNIT COMMUNICATE SYSTEM  
**TERMS:** DISCONNECT COMMUNICATE MOBILE UNIT BASE STATION  
AUTHENTICITY SERVE SEND NEGATIVE RESPOND  
AUTHENTICITY DEMAND

**DERWENT-CLASS:** W01

**EPI-CODES:** W01-A06B5A; W01-A06C4; W01-B05A1B;

**SECONDARY-ACC-NO:**

**Non-CPI Secondary Accession Numbers:** N2001-140696